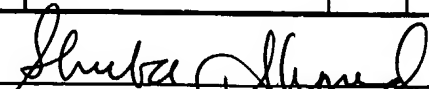


Please type a plus sign (+) inside this box →

+

PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number				
				Filing Date		Concomitantly herewith		
				First Named Inventor		Satoru SHOSHI et al		
				Group Art Unit				
				Examiner Name				
Sheet	1	of	1	Attorney Docket Number		03463/HG		
U.S. PATENT DOCUMENTS								
Exam. Initials*	Cite No ¹	Document Number		Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	
FOREIGN PATENT DOCUMENTS								
Exam. Initials*	Cite No ¹	Offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
SA		JP	3-173949	A	SEIKO EPSON CORP	07-29-1991		*
			*English language Abstract only					
Examiner Signature					Date Considered		6/26/04	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

DATE MAILED: **AUGUST 4, 2003**